

| L Number | Hits | Search Text | DB | Time stamp |
|-------------|------|---------------------|--------------------|---------------------|
| 1 | 263 | (564/199,200).CCLS. | USPAT; US-PGPUB | 2004/06/22 11:23 |

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:29:27 ON 22 JUN 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:29:39 ON 22 JUN 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 21 JUN 2004 HIGHEST RN 697224-75-2

DICTIONARY FILE UPDATES: 21 JUN 2004 HIGHEST RN 697224-75-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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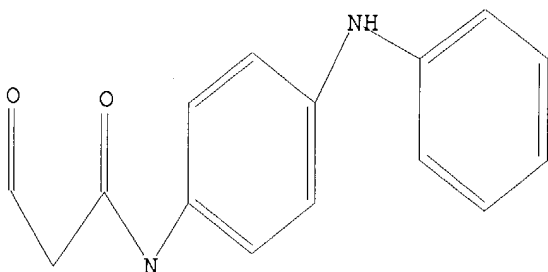
Uploading C:\STNEXP4\761399.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 10:29:57 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 22 TO ITERATE

100.0% PROCESSED

22 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

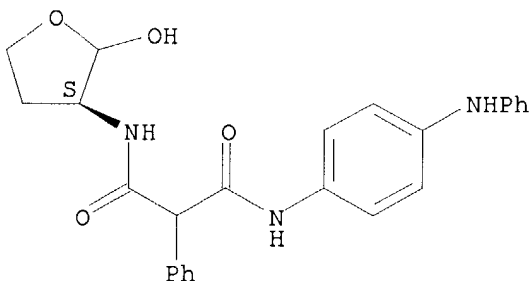
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 159 TO 721
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> d 12 1-2

L2 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 339007-46-4 REGISTRY
CN Propanediamide, 2-phenyl-N-[4-(phenylamino)phenyl]-N'-[(3S)-tetrahydro-2-hydroxy-3-furanyl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H25 N3 O4
SR CA
LC STN Files: CA, CAPLUS
DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

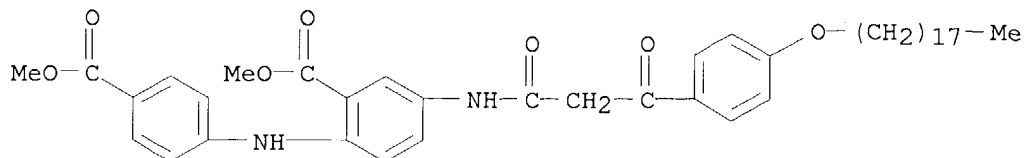
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 318291-39-3 REGISTRY
CN Benzoic acid, 2-[[4-(methoxycarbonyl)phenyl]amino]-5-[[3-[4-(octadecyloxy)phenyl]-1,3-dioxopropyl]amino]-, methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C43 H58 N2 O7
SR CA
LC STN Files: CA, CAPLUS
DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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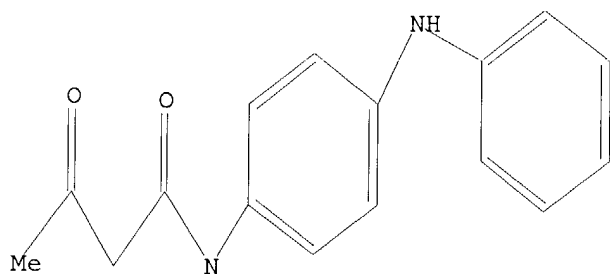
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L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 13

SAMPLE SEARCH INITIATED 10:31:41 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 12 TO ITERATE

100.0% PROCESSED 12 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 33 TO 447
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> s 13 ful

FULL SEARCH INITIATED 10:31:47 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 263 TO ITERATE

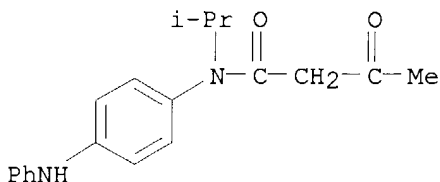
100.0% PROCESSED 263 ITERATIONS
SEARCH TIME: 00.00.01

24 ANSWERS

L5 24 SEA SSS FUL L3

=> d 15 1-24

L5 ANSWER 1 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 347895-01-6 REGISTRY
CN Butanamide, N-(1-methylethyl)-3-oxo-N-[4-(phenylamino)phenyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN N-Isopropyl-N-[4-(phenylamino)phenyl]-3-oxobutyramide
FS 3D CONCORD
MF C19 H22 N2 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPAT2, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

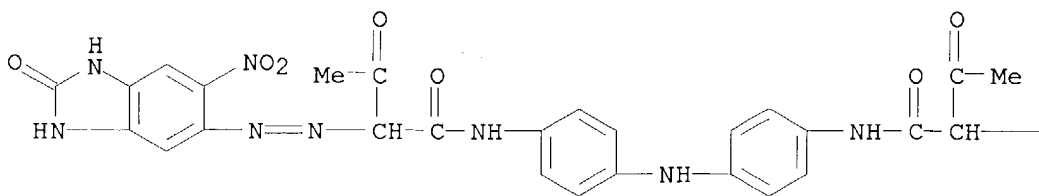


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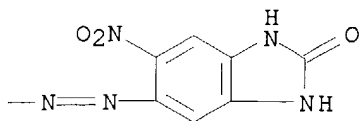
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 147349-67-5 REGISTRY
CN Butanamide, N,N'-(iminodi-4,1-phenylene)bis[2-[(2,3-dihydro-6-nitro-2-oxo-1H-benzimidazol-5-yl)azo]-3-oxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C34 H27 N13 O10
SR CA
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation)

PAGE 1-A

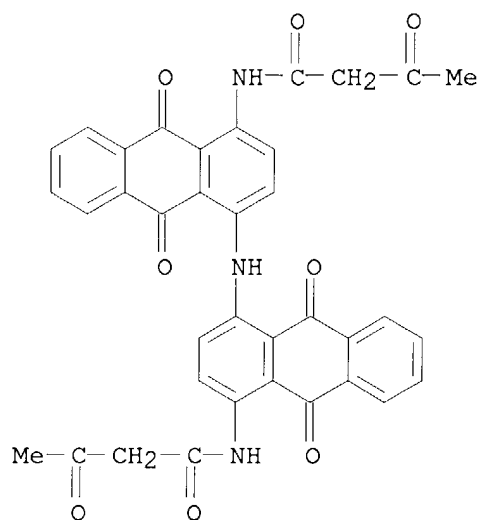


PAGE 1-B



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

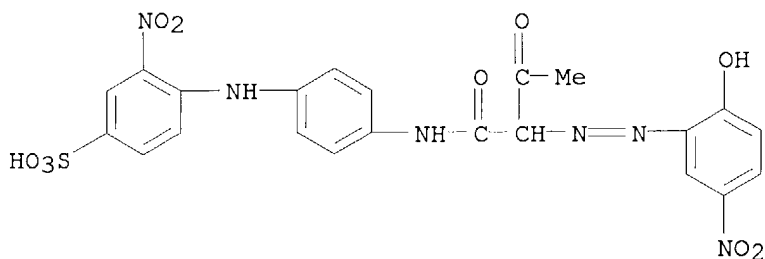
L5 ANSWER 3 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 134393-44-5 REGISTRY
CN Butanamide, N,N'-[iminobis(9,10-dihydro-9,10-dioxo-4,1-
anthracenediyl)]bis[3-oxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C36 H25 N3 O8
SR CA
LC STN Files: CA, CAPLUS
DT.CA Caplus document type: Patent
RL.P Roles from patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

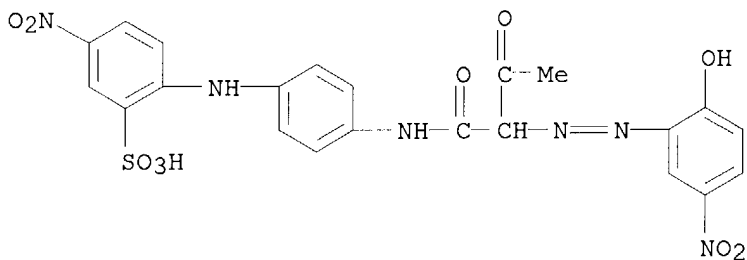
L5 ANSWER 4 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 111989-61-8 REGISTRY
CN Benzenesulfonic acid, 4-[[4-[[2-[(2-hydroxy-5-nitrophenyl)azo]-1,3-
dioxobutyl]amino]phenyl]amino]-3-nitro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H18 N6 O10 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA Caplus document type: Patent
RL.P Roles from patents: USES (Uses)



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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

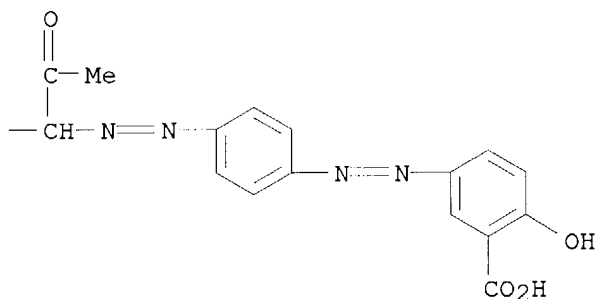
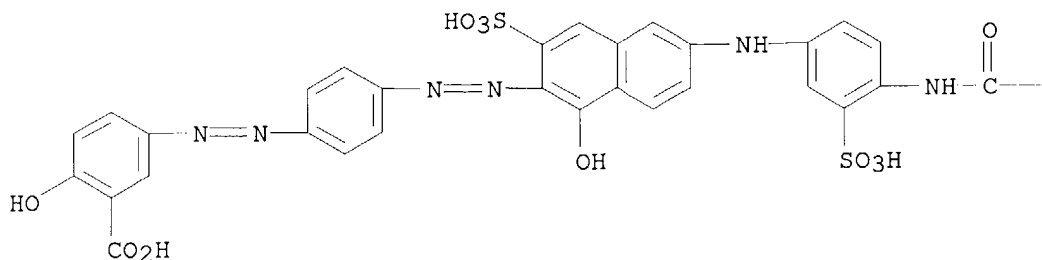
L5 ANSWER 5 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 111989-60-7 REGISTRY
CN Benzenesulfonic acid, 2-[[4-[[2-[(2-hydroxy-5-nitrophenyl)azo]-1,3-dioxobutyl]amino]phenyl]amino]-5-nitro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H18 N6 O10 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: USES (Uses)



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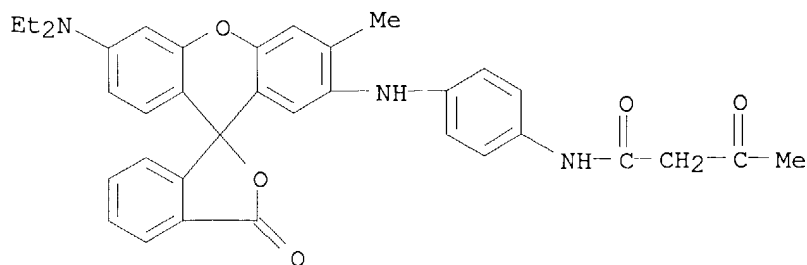
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 6 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 108675-85-0 REGISTRY
CN Salicylic acid, 5-[p-[6-[4-[2-[p-(3-carboxy-4-hydroxyphenylazo)phenylazo]acetoacetamido]-3-sulfoanilino]-1-hydroxy-3-sulfo-2-naphthylazo]phenylazo]- (6CI) (CA INDEX NAME)
FS 3D CONCORD
MF C46 H34 N10 O15 S2
SR CAOLD
LC STN Files: CA, CAOLD, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: NORL (No role in record)



1 REFERENCES IN FILE CA (1907 TO DATE)
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 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

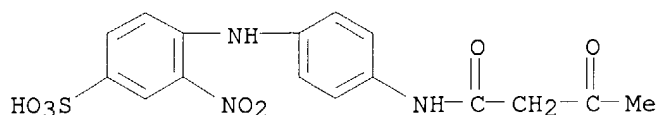
L5 ANSWER 7 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 94492-59-8 REGISTRY
 CN Butanamide, N-[4-[[6'-(diethylamino)-3'-methyl-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-2'-yl]amino]phenyl]-3-oxo- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Spiro[isobenzofuran-1(3H),9'-[9H]xanthene], butanamide deriv.
 FS 3D CONCORD
 MF C35 H33 N3 O5
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Patent
 RL.P Roles from patents: USES (Uses)



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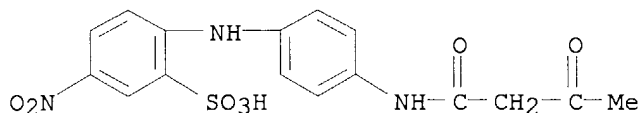
L5 ANSWER 8 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 65286-98-8 REGISTRY
 CN Benzenesulfonic acid, 4-[[4-[(1,3-dioxobutyl)amino]phenyl]amino]-3-nitro-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C16 H15 N3 O7 S
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)



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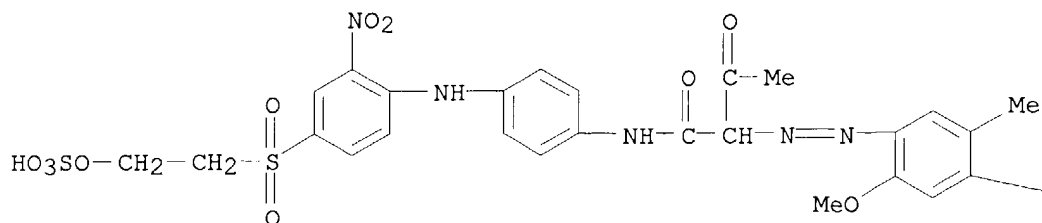
L5 ANSWER 9 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 65286-97-7 REGISTRY
 CN Benzenesulfonic acid, 2-[[4-[(1,3-dioxobutyl)amino]phenyl]amino]-5-nitro-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C16 H15 N3 O7 S
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 10 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 55990-09-5 REGISTRY
 CN Benzenesulfonic acid, 5-methoxy-2-methyl-4-[[1-[[[4-[[2-nitro-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]phenyl]amino]carbonyl]-2-oxopropyl]azo]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C26 H27 N5 O14 S3
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: PREP (Preparation)

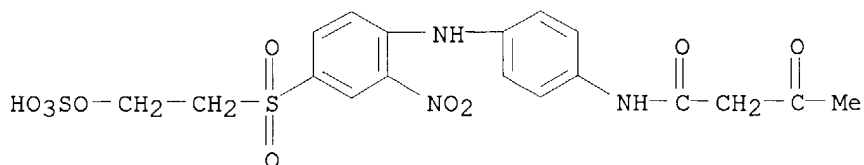


—SO₃H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 11 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 55990-08-4 REGISTRY
CN Butanamide, N-[4-[[2-nitro-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]phenyl]-3-oxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H19 N3 O10 S2
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: RACT (Reactant or reagent)

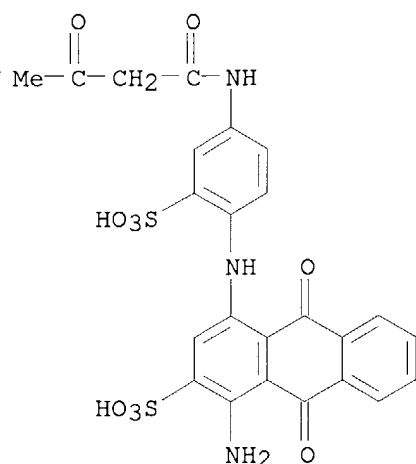


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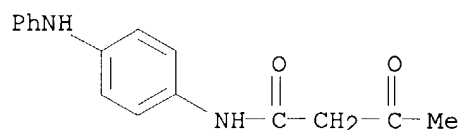
L5 ANSWER 12 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 51228-90-1 REGISTRY
CN 2-Anthracenesulfonic acid, 1-amino-4-[[4-[(1,3-dioxobutyl)amino]-2-sulfophenyl]amino]-9,10-dihydro-9,10-dioxo-, disodium salt (9CI) (CA INDEX NAME)
MF C24 H19 N3 O10 S2 . 2 Na
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation)



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 13 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 38971-14-1 REGISTRY
CN Butanamide, 3-oxo-N-[4-(phenylamino)phenyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 4-(Acetoacetamido)diphenylamine
CN 4-(Acetoacetylamine)diphenylamine
CN N-[4-(Phenylamino)phenyl]-3-oxobutyramide
FS 3D CONCORD
MF C16 H16 N2 O2
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)



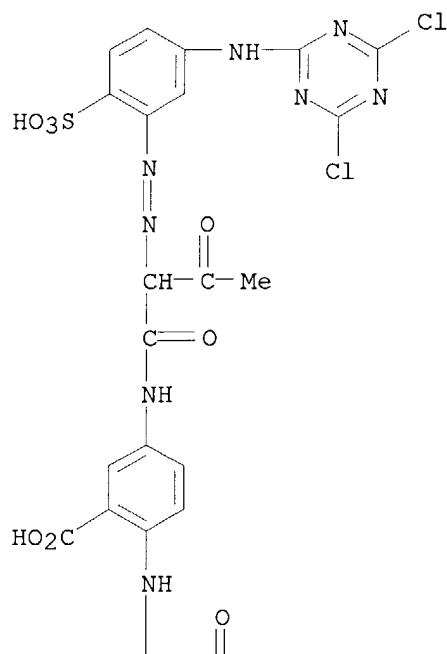
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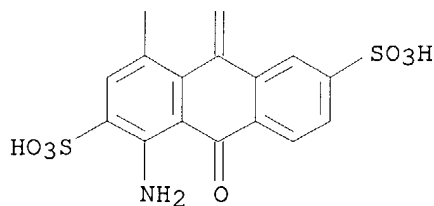
L5 ANSWER 14 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 30236-51-2 REGISTRY

CN Benzoic acid, 2-[(4-amino-3,7-disulfo-1-anthraquinonyl)amino]-5-[2-[[5-[(4,6-dichloro-s-triazin-2-yl)amino]-2-sulphophenyl]azo]acetoacetamido]-
(8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C34 H23 Cl2 N9 O15 S3
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUIDB, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation)

PAGE 1-A

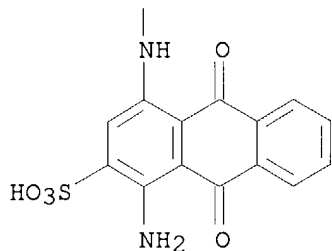
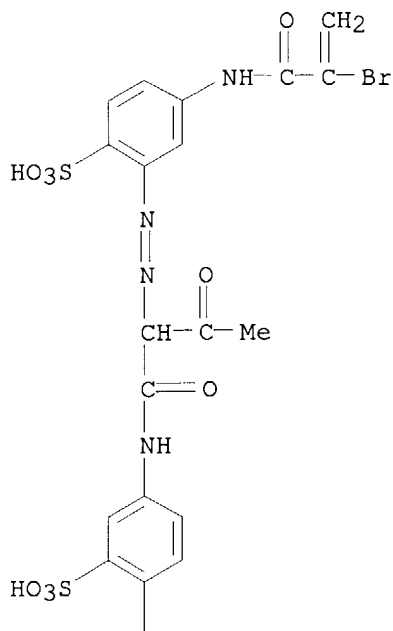


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

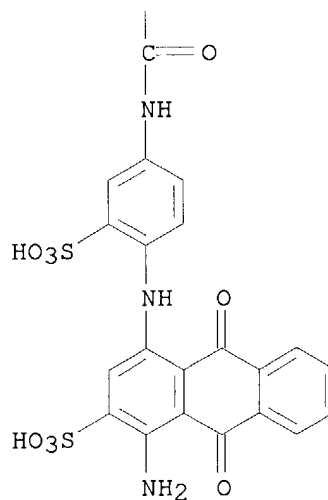
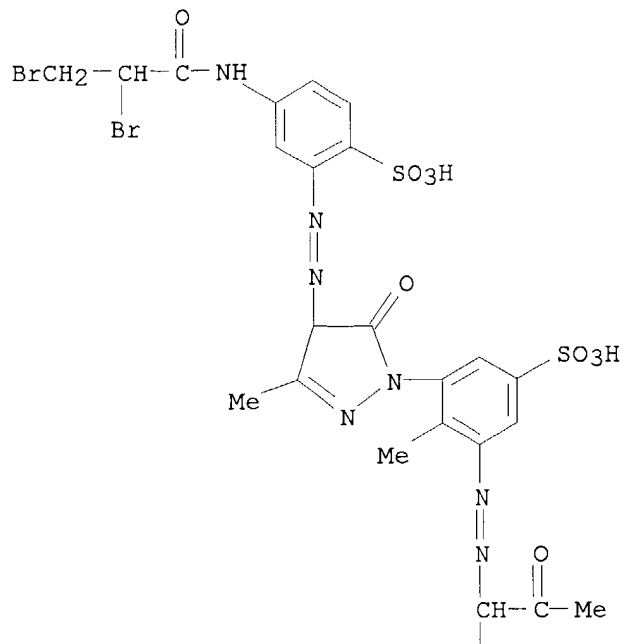
L5 ANSWER 15 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 30080-56-9 REGISTRY
CN 2-Anthracenesulfonic acid, 1-amino-4-[4-[2-[[5-(2-bromoacrylamido)-2-sulphophenyl]azo]acetoacetamido]-2-sulfoanilino]-9,10-dihydro-9,10-dioxo-
(8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C33 H25 Br N6 O14 S3
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUIDB, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation)



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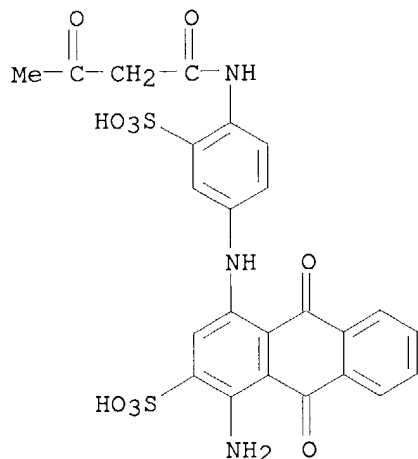
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 16 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 30080-55-8 REGISTRY
CN 2-Anthracenesulfonic acid, 1-amino-4-[4-[2-[[3-[4-[[5-(2,3-dibromopropionamido)-2-sulfoophenyl]azo]-3-methyl-5-oxo-2-pyrazolin-1-yl]-5-sulfo-o-tolyl]azo]acetoacetamido]-2-sulfoanilino]-9,10-dihydro-9,10-dioxo-(8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C44 H36 Br2 N10 O18 S4
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL
DT.CA Caplus document type: Patent
RL.P Roles from patents: PREP (Preparation)



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 17 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 30080-54-7 REGISTRY
 CN 2-Anthracenesulfonic acid, 4-(4-acetoacetamido-3-sulfoanilino)-1-amino-
 9,10-dihydro-9,10-dioxo- (8CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C24 H19 N3 O10 S2
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL
 DT.CA Cplus document type: Patent
 RL.P Roles from patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 18 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN

RN 30080-53-6 REGISTRY

CN 2-Anthracenesulfonic acid, 1-amino-9,10-dihydro-4-[[4-[2-[[5-[(2-hydroxyethyl)sulfonyl]-2-methoxyphenyl]azo]acetoacetamido]-2-sulfoanilino]-9,10-dioxo- (8CI) (CA INDEX NAME)

FS 3D CONCORD

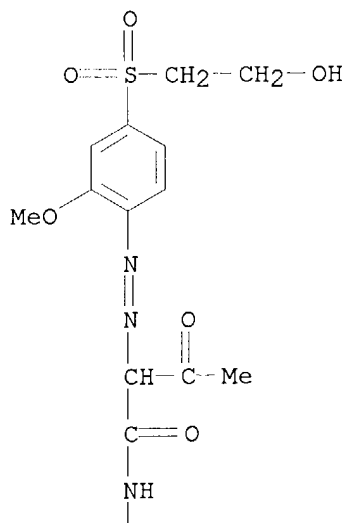
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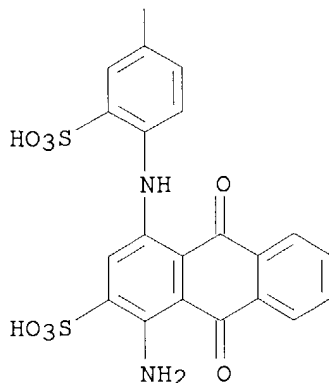
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL

DT.CA Cplus document type: Patent

RL.P Roles from patents: PREP (Preparation)

PAGE 1-A

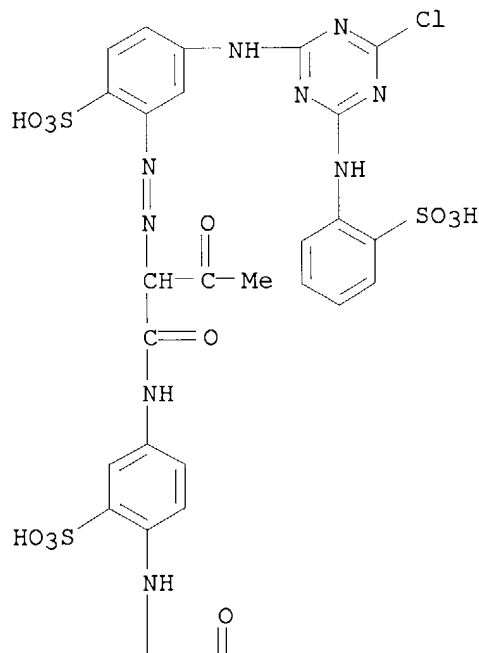


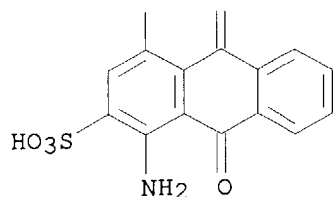


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 19 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 30080-52-5 REGISTRY
CN 2-Anthracenesulfonic acid, 1-amino-4-[4-[2-[[5-[[4-chloro-6-(o-sulfoanilino)-s-triazin-2-yl]amino]-2-sulfophenyl]azo]acetoacetamido]-2-sulfoanilino]-9,10-dihydro-9,10-dioxo- (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C39 H29 Cl N10 O16 S4
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation)

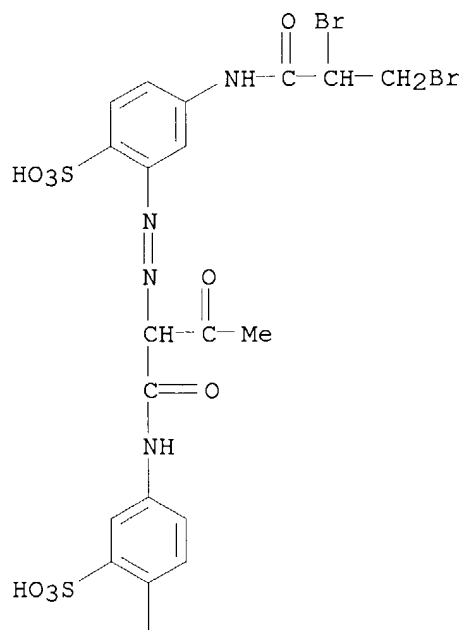


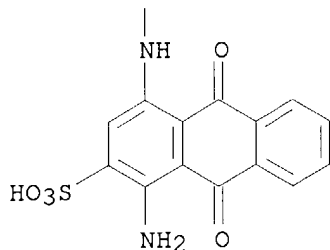


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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 20 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 27685-86-5 REGISTRY
CN 2-Anthracenesulfonic acid, 1-amino-4-[4-[2-[[5-(2,3-dibromopropionamido)-2-sulfo-phenyl]azo]acetoacetamido]-2-sulfoanilino]-9,10-dihydro-9,10-dioxo-(8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C33 H26 Br2 N6 O14 S3
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL
DT.CA Caplus document type: Patent
RL.P Roles from patents: PREP (Preparation)

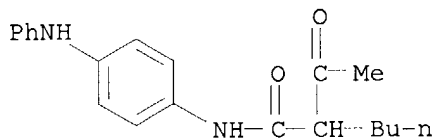




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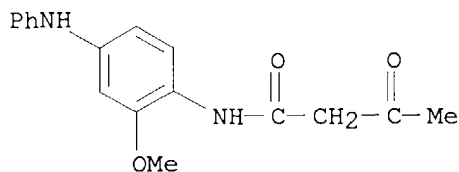
L5 ANSWER 21 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 21684-06-0 REGISTRY
CN Hexananilide, 2-acetyl-4'-anilino- (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H24 N2 O2
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB
DT.CA Caplus document type: Patent
RL.P Roles from patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 22 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 21684-02-6 REGISTRY
CN o-Acetoacetanisidide, 4'-anilino- (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C17 H18 N2 O3
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB
DT.CA Caplus document type: Patent
RL.P Roles from patents: PREP (Preparation)

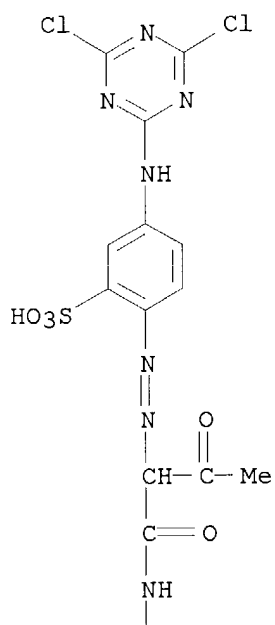


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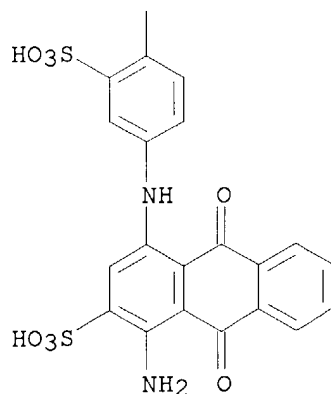
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 23 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 3504-51-6 REGISTRY
CN 2-Anthracenesulfonic acid, 1-amino-4-[4-[2-[[4-[(4,6-dichloro-s-triazin-2-yl)amino]-2-sulfophenyl]azo]-3-hydroxycrotonamido]-3-sulfoanilino]-9,10-dihydro-9,10-dioxo- (7Cl, 8Cl) (CA INDEX NAME)
FS 3D CONCORD
MF C33 H23 Cl2 N9 O13 S3
LC STN Files: CA, CAOLD, CAPLUS
DT.CA Caplus document type: Patent
RL.P Roles from patents: NORL (No role in record)

PAGE 1-A



PAGE 2-A

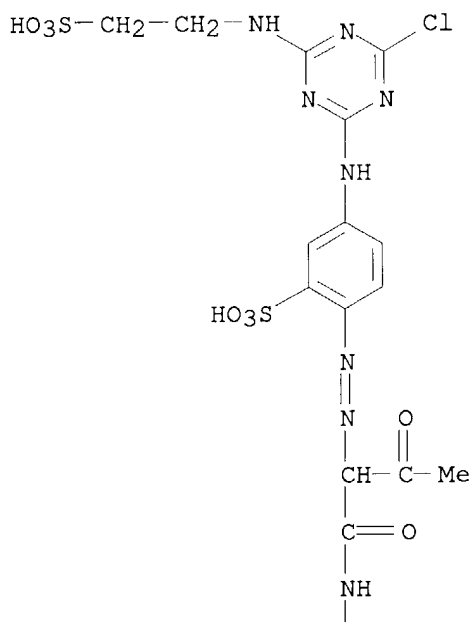


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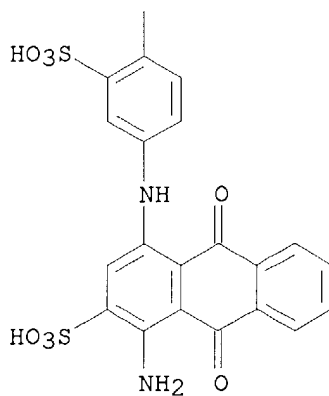
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 24 OF 24 REGISTRY COPYRIGHT 2004 ACS on STN
RN 2641-19-2 REGISTRY
CN 2-Anthracenesulfonic acid, 1-amino-4-[[4-[[2-[[4-[[4-chloro-6-[(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-1,3-dioxobutyl]amino]-3-sulfophenyl]amino]-9,10-dihydro-9,10-dioxo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
DR 106505-25-3
MF C35 H29 Cl N10 O16 S4
LC STN Files: CAOLD

PAGE 1-A



PAGE 2-A



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1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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| | ENTRY | SESSION |
| FULL ESTIMATED COST | 203.12 | 203.33 |

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FILE COVERS 1907 - 22 Jun 2004 VOL 140 ISS 26
FILE LAST UPDATED: 21 Jun 2004 (20040621/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L6 15 L5

=> d 16 1-15

L6 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:581831 CAPLUS
DN 135:152620
TI Method for producing acetoacetylated aromatic amines
IN Glufke, Uta; Hanselmann, Paul
PA Lonza A.-G., Switz.
SO PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | WO 2001056973 | A1 | 20010809 | WO 2001-EP1163 | 20010202 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, US, US | | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |

AU 2001039239 A5 20010814 AU 2001-39239 20010202
 EP 1252134 A1 20021030 EP 2001-913783 20010202
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 US 2003125392 A1 20030703 US 2002-182916 20021021
 US 6734324 B2 20040511
 PRAI EP 2000-102418 A 20000204
 US 2000-203922P P 20000512
 WO 2001-EP1163 W 20010202
 OS CASREACT 135:152620; MARPAT 135:152620
 RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:507771 CAPLUS
 DN 135:77736
 TI Compositions comprising antioxidant amines based on N-(4-
 anilinophenyl)amides for stabilizing lube oil additive formulations
 IN Nalesnik, Theodore E.; Duyck, Karl J.
 PA Uniroyal Chemical Company, Inc., USA
 SO PCT Int. Appl., 54 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--------|--|--|----------|-----------------|----------|
| PI | WO 2001049761 | A1 | 20010712 | WO 2000-US32951 | 20001205 |
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| | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |
| | EP 1252209 | A1 | 20021030 | EP 2000-983908 | 20001205 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| | JP 2003519262 | T2 | 20030617 | JP 2001-550301 | 20001205 |
| | US 2003030033 | A1 | 20030213 | US 2002-168405 | 20020619 |
| PRAI | US 1999-173715P | P | 19991230 | | |
| | WO 2000-US32951 | W | 20001205 | | |
| OS | MARPAT 135:77736 | | | | |
| RE.CNT | 3 | THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | |

L6 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1993:214883 CAPLUS
 DN 118:214883
 TI Preparation of disazo camouflage pigments
 IN Kleine, Fritz; Groth, Klaus Ruediger; Schurig, Eberhard; Schulz, Ingrid;
 Simon, Werner
 PA VEB Chemiekombinat Bitterfeld, Germany
 SO Ger. (East), 5 pp.
 CODEN: GEXXA8
 DT Patent
 LA German
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-------------------|------|----------|-----------------|----------|
| PI | DD 300674 | A7 | 19920702 | DD 1984-265204 | 19840712 |
| PRAI | DD 1984-265204 | | 19840712 | | |
| OS | MARPAT 118:214883 | | | | |

L6 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1991:408347 CAPLUS

DN 115:8347
 TI Preparation of (acetoacetamido)anthraquinone derivatives
 IN Florian, Cestmir; Florian, Petr
 PA Czech.
 SO Czech., 6 pp.
 CODEN: CZXXA9
 DT Patent
 LA Czech
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|------------------------------------|------|----------|-----------------|----------|
| PI | CS 266614 | B1 | 19900112 | CS 1988-547 | 19880129 |
| PRAI | CS 1988-547 | | 19880129 | | |
| OS | CASREACT 115:8347; MARPAT 115:8347 | | | | |

L6 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1988:39634 CAPLUS
 DN 108:39634
 TI Unsymmetrical 1:2 chrome complex azo dyes
 IN Back, Gerhard; Beffa, Fabio; Schlesinger, Ulrich; Puentener, Alois
 PA Ciba-Geigy A.-G., Switz.
 SO Ger. Offen., 42 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--------------|------|----------|-----------------|----------|
| PI | DE 3643619 | A1 | 19870702 | DE 1986-3643619 | 19861219 |
| | CH 664764 | A | 19880331 | CH 1985-5517 | 19851223 |
| | CH 664972 | A | 19880415 | CH 1985-5514 | 19851223 |
| | GB 2185034 | A1 | 19870708 | GB 1986-30453 | 19861219 |
| | GB 2185034 | B2 | 19900110 | | |
| | US 4874849 | A | 19891017 | US 1986-944621 | 19861219 |
| | FR 2592054 | A1 | 19870626 | FR 1986-17977 | 19861222 |
| | FR 2592054 | B1 | 19881021 | | |
| PRAI | CH 1985-5514 | | 19851223 | | |
| | CH 1985-5517 | | 19851223 | | |

L6 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1985:103690 CAPLUS
 DN 102:103690
 TI Recording material
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------|------|----------|-----------------|----------|
| PI | JP 59142182 | A2 | 19840815 | JP 1983-15928 | 19830202 |
| PRAI | JP 1983-15928 | | 19830202 | | |

L6 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1978:75296 CAPLUS
 DN 88:75296
 TI 1:2-Cobalt complex azo dyes useful in dyeing natural and synthetic polyamide fibers
 IN Fuchs, Hermann; Filzinger, Klaus
 PA Hoechst A.-G., Fed. Rep. Ger.
 SO Ger. Offen., 17 pp.

CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| | ----- | --- | ----- | ----- | ----- |
| PI | DE 2616405 | A1 | 19771103 | DE 1976-2616405 | 19760414 |
| | US 4113719 | A | 19780912 | US 1977-765004 | 19770202 |
| | CH 627203 | A | 19811231 | CH 1977-4509 | 19770412 |
| | JP 52126422 | A2 | 19771024 | JP 1977-41596 | 19770413 |
| | CA 1075681 | A1 | 19800415 | CA 1977-276069 | 19770413 |
| | BE 853597 | A1 | 19771014 | BE 1977-176716 | 19770414 |
| | FR 2348252 | A1 | 19771110 | FR 1977-11242 | 19770414 |
| | FR 2348252 | B1 | 19811218 | | |
| | GB 1526608 | A | 19780927 | GB 1977-15619 | 19770414 |
| PRAI | DE 1976-2616405 | | 19760414 | | |

L6 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1975:481205 CAPLUS
DN 83:81205
TI Water-soluble, yellow, fiber-reactive dyes
IN Bauer, August; Hoyer, Ernst; Meininger, Fritz
PA Farbwerke Hoechst A.-G., Fed. Rep. Ger.
SO Ger. Offen., 23 pp.
CODEN: GWXXBX

DT Patent
LA German

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|------|----------|-----------------|----------|
| | ----- | --- | ----- | ----- | ----- |
| PI | DE 2342513 | A1 | 19750424 | DE 1973-2342513 | 19730823 |
| | DE 2342513 | C2 | 19830901 | | |
| | CH 616698 | A | 19800415 | CH 1974-11354 | 19740820 |
| | JP 50050426 | A2 | 19750506 | JP 1974-95596 | 19740822 |
| | JP 61003827 | B4 | 19860204 | | |
| | BR 7406954 | A0 | 19750617 | BR 1974-6954 | 19740822 |
| | CS 172891 | P | 19770128 | CS 1974-3829 | 19740822 |
| | IN 142727 | A | 19770820 | IN 1974-CA1893 | 19740822 |
| | CA 1051422 | A1 | 19790327 | CA 1974-207536 | 19740822 |
| | BE 819139 | A1 | 19750224 | BE 1974-147860 | 19740823 |
| | FR 2241543 | A1 | 19750321 | FR 1974-28958 | 19740823 |
| | FR 2241543 | B1 | 19781229 | | |
| | GB 1484732 | A | 19770901 | GB 1974-37182 | 19740823 |
| PRAI | DE 1973-2342513 | | 19730823 | | |

L6 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1974:84688 CAPLUS
DN 80:84688
TI Fast color dyeing of fiber material
IN Konishi, Kenzoh; Kitao, Daishiroh; Maruyama, Yuji; Odachi, Takeroh
PA Daito Chemical Industry Co., Ltd.
SO Jpn. Tokkyo Koho, 9 pp.
CODEN: JAXXAD

DT Patent
LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|-------------|------|----------|-----------------|----------|
| | ----- | --- | ----- | ----- | ----- |
| PI | JP 48002717 | B4 | 19730126 | JP 1969-95589 | 19691127 |

L6 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1973:33932 CAPLUS

DN 78:33932
 TI 4-(Acetoacetylamine)diphenylamine in compositions for treating pain,
 fever, and inflammation
 IN Thiele, Kurt
 PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
 SO U.S., 3 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | US 3702365 | A | 19721107 | US 1971-154202 | 19710617 |
| PRAI | US 1971-154202 | | 19710617 | | |

L6 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1972:530594 CAPLUS
 DN 77:130594
 TI Antiinflammatory, analgesic, and antipyretic 4-
 (acetoacetamido)diphenylamine
 IN Thiele, Kurt
 PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
 SO S. African, 12 pp.
 CODEN: SFXXAB
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | ZA 7103728 | | 19720104 | ZA 1971-3728 | 19710609 |

L6 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1971:4642 CAPLUS
 DN 74:4642
 TI Fiber-reactive anthraquinone azo dyes
 IN Buehler, Arthur; De Montmollin, Rene
 PA CIBA Ltd.
 SO Ger. Offen., 45 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--------------|------|----------|-----------------|----------|
| PI | DE 2005937 | A | 19700910 | DE 1970-2005937 | 19700210 |
| | DE 2005937 | B2 | 19800320 | | |
| | DE 2005937 | C3 | 19801106 | | |
| | CH 536349 | A | 19730615 | CH 1969-2166 | 19690213 |
| | FR 2032642 | A5 | 19701127 | FR 1970-2733 | 19700127 |
| | US 3717624 | A | 19730220 | US 1970-8408 | 19700203 |
| | GB 1294975 | A | 19721101 | GB 1970-1294975 | 19700211 |
| PRAI | CH 1969-2166 | | 19690213 | | |

L6 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1969:68180 CAPLUS
 DN 70:68180
 TI N-Aromatic substituted acid amides as analgesics
 IN Thiele, Kurt
 PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
 SO S. African, 24 pp.
 CODEN: SFXXAB
 DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| | ----- | ---- | ----- | ----- | ----- |
| PI | ZA 6706852 | | 19680627 | ZA | |
| | DE 1568426 | | | DE | |
| | DE 1670574 | | | DE | |
| | FR 7506 | | | FR | |
| | GB 1154260 | | | GB | |
| | US 3474107 | | 19690000 | US | |
| | US 3567765 | | 19710000 | US | |
| | US 3719762 | | 19730000 | US | |
| PRAI | DE | | 19661116 | | |
| | DE | | 19670901 | | |

L6 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1965:74764 CAPLUS

DN 62:74764

OREF 62:13283e-g

TI Monazo dyes

IN Ernste, Magdalena; Blumberger, Jose S. P.

SO 4 pp.

DT Patent

LA Unavailable

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | NL 110355 | | 19641215 | NL | 19611205 |

L6 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1959:59553 CAPLUS

DN 53:59553

OREF 53:10778e-i,10779a-h

TI Mono-, bis-, and polyazo dyes

IN Huss, Richard; Boedeker, Hermann

PA Farberke Hoechst AG vorm. Meister Lucius & Bruning

DT Patent

LA Unavailable

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|-------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | DE 870883 | | 19530504 | DE | |

* * * * * STN Columbus * * * * *

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SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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DICTIONARY FILE UPDATES: 21 JUN 2004 HIGHEST RN 697224-75-2

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s 347895-01-6

L1 1 347895-01-6
(347895-01-6/RN)

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN **347895-01-6** REGISTRY

CN Butanamide, N-(1-methylethyl)-3-oxo-N-[4-(phenylamino)phenyl]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN N-Isopropyl-N-[4-(phenylamino)phenyl]-3-oxobutyramide

FS 3D CONCORD

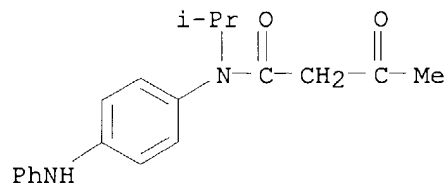
MF C19 H22 N2 O2

SR CA

LC STN Files: CA, CAPLUS, CASREACT, USPAT2, USPATFULL

DT.CA Caplus document type: Patent

RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)



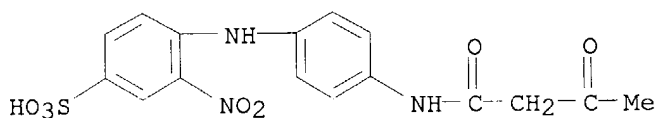
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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L2 1 65286-98-8
(65286-98-8/RN)

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L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN **65286-98-8** REGISTRY
CN Benzenesulfonic acid, 4-[[4-[(1,3-dioxobutyl)amino]phenyl]amino]-3-nitro-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H15 N3 O7 S
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)



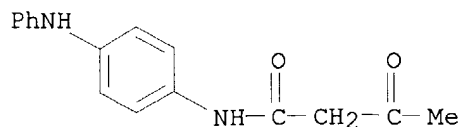
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L3 1 38971-14-1
(38971-14-1/RN)

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN **38971-14-1** REGISTRY
CN Butanamide, 3-oxo-N-[4-(phenylamino)phenyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 4-(Acetoacetamido)diphenylamine
CN 4-(Acetoacetylamine)diphenylamine
CN N-[4-(Phenylamino)phenyl]-3-oxobutyramide
FS 3D CONCORD
MF C16 H16 N2 O2
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)



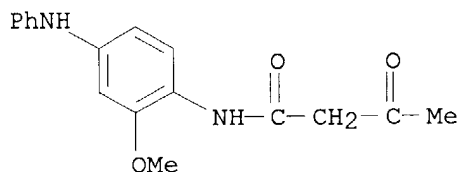
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 21684-02-6
L4 1 21684-02-6
(21684-02-6/RN)

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN **21684-02-6** REGISTRY
CN o-Acetoacetanilide, 4'-anilino- (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C17 H18 N2 O3
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB
DT.CA Caplus document type: Patent
RL.P Roles from patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 8.34 | 8.55 |

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FILE COVERS 1907 - 22 Jun 2004 VOL 140 ISS 26
FILE LAST UPDATED: 21 Jun 2004 (20040621/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l1
L5

2 L1

=> d 15

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:581831 CAPLUS
DN 135:152620
TI Method for producing acetoacetylated aromatic amines
IN Glufke, Uta; Hanselmann, Paul
PA Lonza A.-G., Switz.
SO PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--------|---|--|----------|-----------------|----------|
| PI | WO 2001056973 | A1 | 20010809 | WO 2001-EP1163 | 20010202 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, US, US | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | AU 2001039239 | A5 | 20010814 | AU 2001-39239 | 20010202 |
| | EP 1252134 | A1 | 20021030 | EP 2001-913783 | 20010202 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| | US 2003125392 | A1 | 20030703 | US 2002-182916 | 20021021 |
| | US 6734324 | B2 | 20040511 | | |
| PRAI | EP 2000-102418 | A | 20000204 | | |
| | US 2000-203922P | P | 20000512 | | |
| | WO 2001-EP1163 | W | 20010202 | | |
| OS | CASREACT 135:152620; MARPAT 135:152620 | | | | |
| RE.CNT | 4 | THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD | | | |
| | | ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | |

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1D IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

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L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:507771 CAPLUS
 DN 135:77736
 TI Compositions comprising antioxidant amines based on N-(4-anilinophenyl)amides for stabilizing lube oil additive formulations
 IN Nalesnik, Theodore E.; Duyck, Karl J.
 PA Uniroyal Chemical Company, Inc., USA
 SO PCT Int. Appl., 54 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------|---|------|----------|-----------------|----------|
| PI | WO 2001049761 | A1 | 20010712 | WO 2000-US32951 | 20001205 |
| | W: CA, CN, IN, JP, KR, MX, RU, US | | | | |
| | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | | |
| | EP 1252209 | A1 | 20021030 | EP 2000-983908 | 20001205 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| | JP 2003519262 | T2 | 20030617 | JP 2001-550301 | 20001205 |
| | US 2003030033 | A1 | 20030213 | US 2002-168405 | 20020619 |
| PRAI | US 1999-173715P | P | 19991230 | | |
| | WO 2000-US32951 | W | 20001205 | | |
| OS | MARPAT 135:77736 | | | | |
| RE.CNT 3 | THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | | |

=> s 12

L6 1 L2

=> d

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1978:75296 CAPLUS
 DN 88:75296
 TI 1:2-Cobalt complex azo dyes useful in dyeing natural and synthetic polyamide fibers
 IN Fuchs, Hermann; Filzinger, Klaus
 PA Hoechst A.-G., Fed. Rep. Ger.
 SO Ger. Offen., 17 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|------|----------|-----------------|----------|
| PI | DE 2616405 | A1 | 19771103 | DE 1976-2616405 | 19760414 |
| | US 4113719 | A | 19780912 | US 1977-765004 | 19770202 |
| | CH 627203 | A | 19811231 | CH 1977-4509 | 19770412 |
| | JP 52126422 | A2 | 19771024 | JP 1977-41596 | 19770413 |
| | CA 1075681 | A1 | 19800415 | CA 1977-276069 | 19770413 |
| | BE 853597 | A1 | 19771014 | BE 1977-176716 | 19770414 |
| | FR 2348252 | A1 | 19771110 | FR 1977-11242 | 19770414 |
| | FR 2348252 | B1 | 19811218 | | |
| | GB 1526608 | A | 19780927 | GB 1977-15619 | 19770414 |
| PRAI | DE 1976-2616405 | | 19760414 | | |

=> s 13

L7 4 L3

=> d 17 1-4

L7 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:581831 CAPLUS
DN 135:152620
TI Method for producing acetoacetylated aromatic amines
IN Glufke, Uta; Hanselmann, Paul
PA Lonza A.-G., Switz.
SO PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------|--|--|----------|-----------------|----------|
| PI | WO 2001056973 | A1 | 20010809 | WO 2001-EP1163 | 20010202 |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, US, US | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| | AU 2001039239 | A5 | 20010814 | AU 2001-39239 | 20010202 |
| | EP 1252134 | A1 | 20021030 | EP 2001-913783 | 20010202 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | |
| | US 2003125392 | A1 | 20030703 | US 2002-182916 | 20021021 |
| | US 6734324 | B2 | 20040511 | | |
| PRAI | EP 2000-102418 | A | 20000204 | | |
| | US 2000-203922P | P | 20000512 | | |
| | WO 2001-EP1163 | W | 20010202 | | |
| OS | CASREACT 135:152620; MARPAT 135:152620 | | | | |
| RE.CNT 4 | THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | | |

L7 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:507771 CAPLUS
DN 135:77736
TI Compositions comprising antioxidant amines based on N-(4-anilinophenyl)amides for stabilizing lube oil additive formulations
IN Nalesnik, Theodore E.; Duyck, Karl J.
PA Uniroyal Chemical Company, Inc., USA
SO PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|--|----------|-----------------|----------|
| PI | WO 2001049761 | A1 | 20010712 | WO 2000-US32951 | 20001205 |
| | W: | CA, CN, IN, JP, KR, MX, RU, US | | | |
| | RW: | AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR | | | |
| | EP 1252209 | A1 | 20021030 | EP 2000-983908 | 20001205 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | |
| | JP 2003519262 | T2 | 20030617 | JP 2001-550301 | 20001205 |
| | US 2003030033 | A1 | 20030213 | US 2002-168405 | 20020619 |

PRAI US 1999-173715P P 19991230
WO 2000-US32951 W 20001205

OS MARPAT 135:77736

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1973:33932 CAPLUS
DN 78:33932
TI 4-(Acetoacetylamine)diphenylamine in compositions for treating pain,
fever, and inflammation
IN Thiele, Kurt
PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SO U.S., 3 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | US 3702365 | A | 19721107 | US 1971-154202 | 19710617 |
| PRAI | US 1971-154202 | | 19710617 | | |

L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1972:530594 CAPLUS
DN 77:130594
TI Antiinflammatory, analgesic, and antipyretic 4-
(acetoacetamido)diphenylamine
IN Thiele, Kurt
PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SO S. African, 12 pp.
CODEN: SFXXAB
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | ZA 7103728 | | 19720104 | ZA 1971-3728 | 19710609 |

=> s 14

L8 1 L4

=> d

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1969:68180 CAPLUS
DN 70:68180
TI N-Aromatic substituted acid amides as analgesics
IN Thiele, Kurt
PA Deutsche Gold- und Silber-Scheideanstalt vorm. Roessler
SO S. African, 24 pp.
CODEN: SFXXAB
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | ZA 6706852 | | 19680627 | ZA | |
| | DE 1568426 | | | DE | |
| | DE 1670574 | | | DE | |
| | FR 7506 | | | FR | |

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|------|----|---------|----------|--|----|
| | GB | 1154260 | | | GB |
| | US | 3474107 | 19690000 | | US |
| | US | 3567765 | 19710000 | | US |
| | US | 3719762 | 19730000 | | US |
| PRAI | DE | | 19661116 | | |
| | DE | | 19670901 | | |